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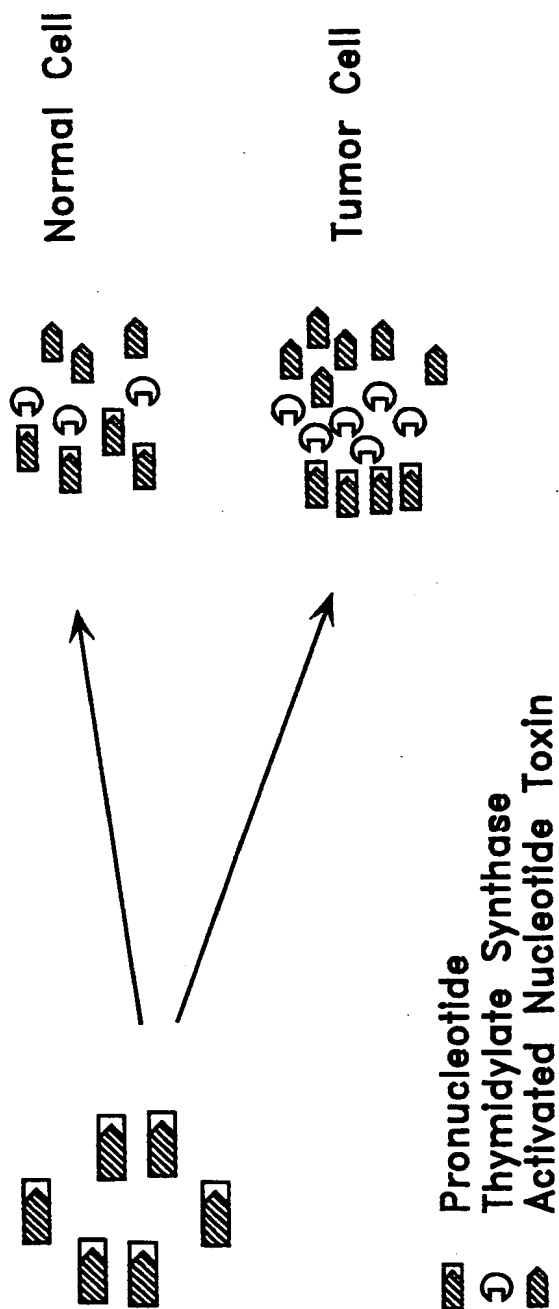
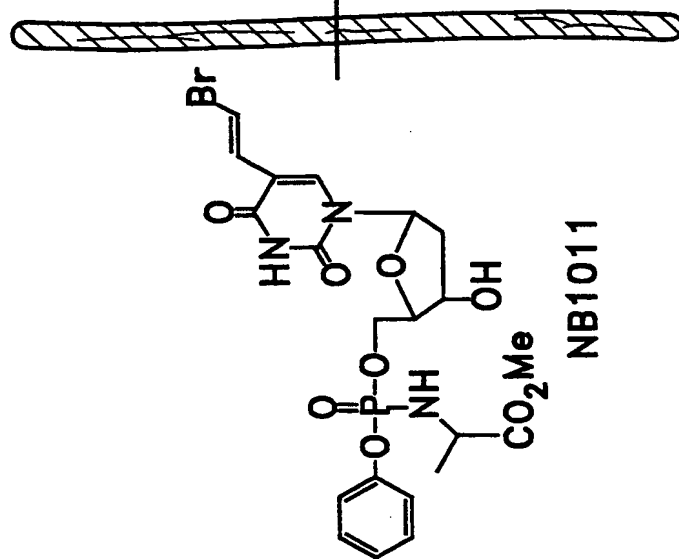
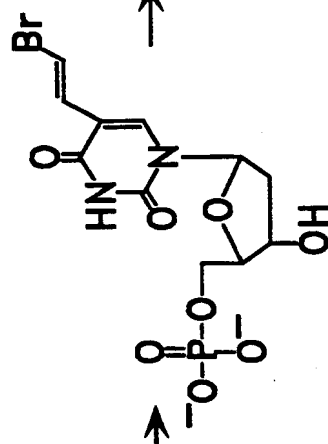


Fig. 1A

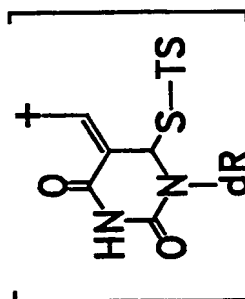
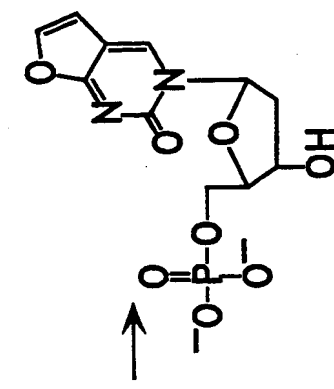
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Cell  
Membrane

NB1011



BVdUMP

Proposed  
intermediate

5,0'-ethenodeoxyuridylylate

Fig. 1B

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How to find a TS lead molecule:  
Design of the High Throughput Screen  
e.g., Using Thymidylate Synthase as  
the Target Enzyme

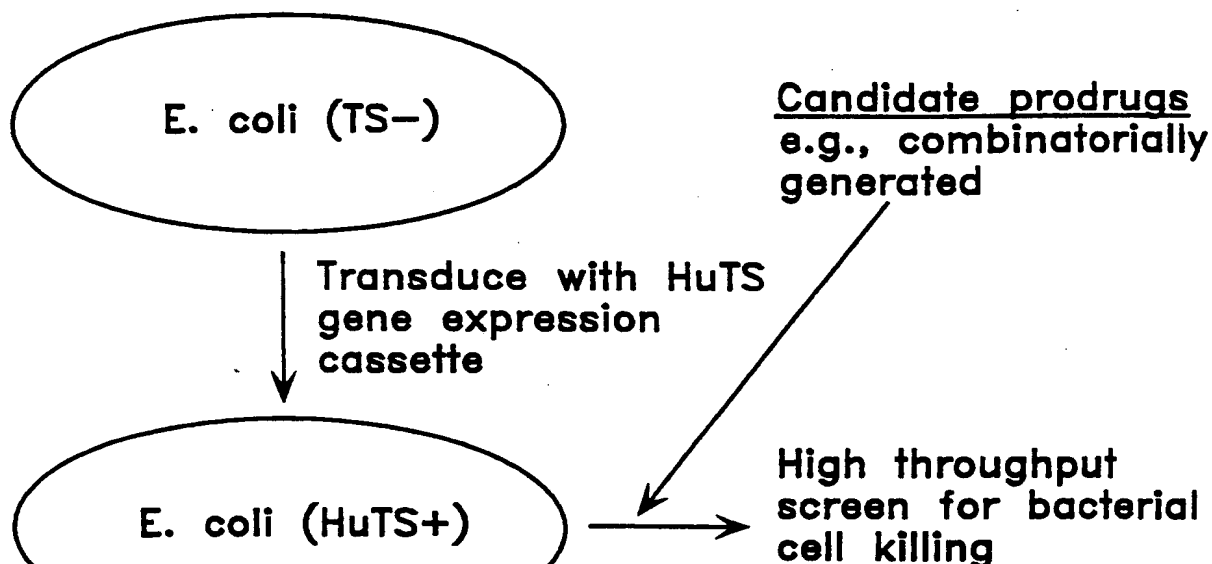


Fig. 2A

How to find a TS lead molecule:  
Replacement of two enzymes,  
e.g., Thymidylate Synthase (TS)  
and Thymidine Kinase (TK)

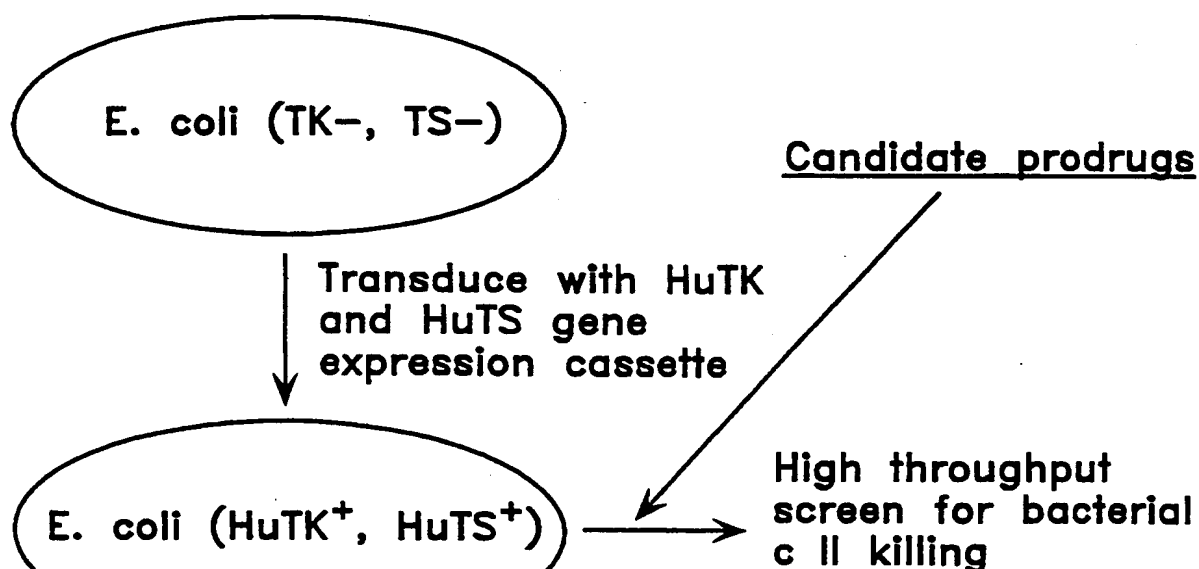


Fig. 2B

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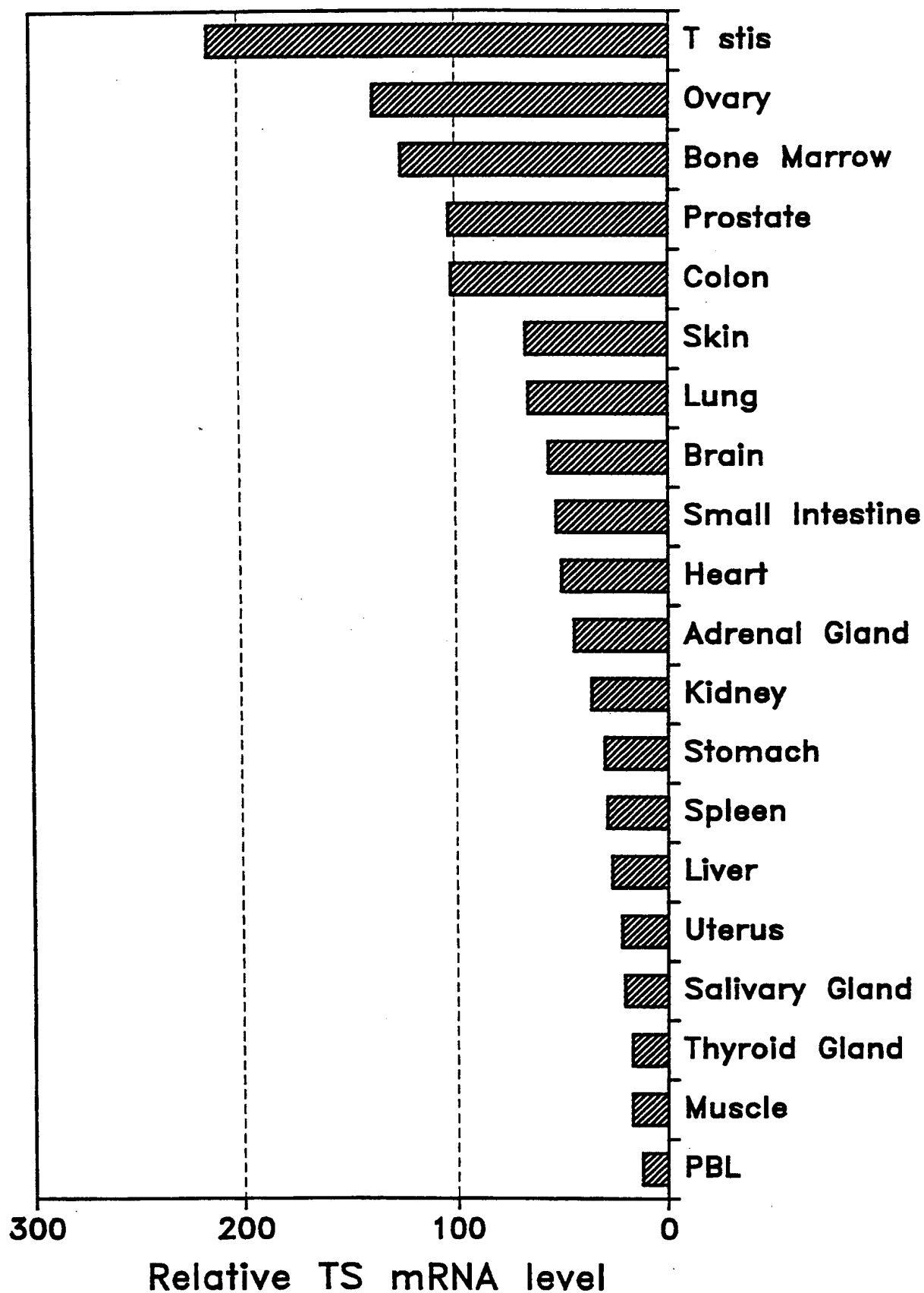


Fig. 3A

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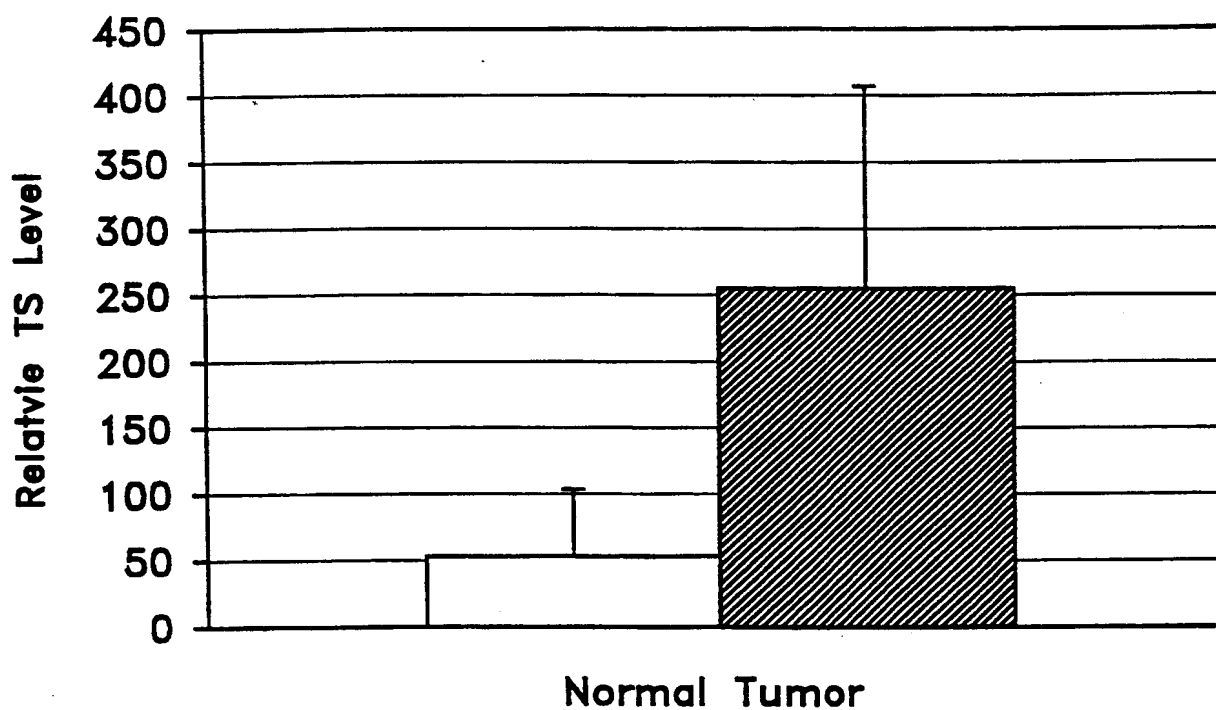


Fig. 3B

